

Application Number 10/053,173

Responsive to Office Action mailed April 11, 2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-6 (Canceled).

Claim 7 (Currently Amended): A molding tool comprising:

a moving side comprising a first mirror block;

a non-moving side comprising a second mirror block, a stamper and an air interface between the second mirror block and the stamper; and

a ground strap attached to the first mirror block of the moving side, the ground strap providing a substantially non-resistive electrical path from the first mirror block to a grounded voltage coupled to the first mirror block of the moving side.

Claims 8-10 (Canceled).

Claim 11 (Previously presented): The molding tool of claim 7, wherein the stamper is a nickel stamper and the first and second mirror blocks include diamond-like carbon coatings.

Claim 12 (Previously presented): The molding tool of claim 7, wherein the stamper is a nickel stamper and the first and second mirror blocks include titanium nitride coatings.

Claim 13 (Previously presented): The molding tool of claim 7, wherein the stamper is vacuum drawn to the second mirror block.

Claims 14-15 (Canceled).

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Claim 16 (Original): The molding tool of claim 7, wherein the molding tool is an injection molding tool.

Claims 17-21 (Canceled).

Claim 22 (Currently Amended): A molding system comprising:

a molding tool including a moving side comprising a first mirror block; a non-moving side comprising a second mirror block, a stamper and an air interface between the second mirror block and the stamper; and a ground strap attached to the first mirror block of the moving side, the ground strap providing a substantially non-resistive electrical path from the first mirror block to a grounded voltage coupled to the first mirror block of the moving side;

a control unit coupled to the molding tool to control a molding process of the molding tool; and

a robotic arm coupled to the control unit for receiving molded components from the molding tool.

Claim 23 (Currently Amended): A molding tool comprising:

a moving side comprising a first mirror block, a first stamper and a first air interface between the first mirror block and the first stamper;

a non-moving side comprising a second mirror block, a second stamper and a second air interface between the second mirror block and the second stamper;

a first ground strap attached to the first stamper of the moving side, the first ground strap providing a substantially non-resistive electrical path from the first stamper to a grounded voltage coupled to the first stamper of the moving side; and

a second ground strap attached to the second stamper of the non-moving side, the second ground strap providing a substantially non-resistive electrical path from the second stamper to the grounded voltage coupled to the second stamper of the non-moving side.

Claim 24 (Canceled).

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Claim 25 (Currently Amended): A molding tool comprising:

a moving side comprising a first mirror block, a first stamper and a first air interface between the first mirror block and the first stamper;

a non-moving side comprising a second mirror block, a second stamper and a second air interface between the second mirror block and the second stamper;

a first ground strap to provide a first substantially non-resistive electrical path from the first mirror block to a grounded voltage coupled to the first mirror block of the moving side; and

a second ground strap to provide a second substantially non-resistive electrical path from the second mirror block to the grounded voltage coupled to the second mirror block of the non-moving side.

Claim 26 (Canceled).

Claim 27 (Currently Amended): A molding tool comprising:

a moving side comprising a first mirror block;

a non-moving side comprising a second mirror block, a stamper and an air interface between the second mirror block and the stamper; and

a ground strap coupled to the stamper of the non-moving side to provide a substantially non-resistive electrical path from the stamper to a grounded voltage coupled to the stamper of the non-moving side.

Claim 28 (Canceled).